A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 **For Week Ended** August 17, 1984 **NO.** 33

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 08/17/84	Last Week Ending: 08/10/84	Last Year Week Ending: 08/19/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,532	12,457	12,814	75	-282
Operable capacity	16,074	16,074	16,294	0	-220
Percent operated	78.0	77.5	78.6		
Motor Gasoline					
Total motor gasoline production	6,546	6,582	6,722	-36	-176
Finished leaded motor gasoline production	2,519	2,594	3,075	-75	-556
Finished unleaded motor gasoline production	4,027	3,988	3,647	39	380
Total motor gasoline stocks	233,223	233,399	225,117	-176	8,106
Finished leaded motor gasoline stocks	90,037	90,633	96,688	-596	-6,651
Finished unleaded motor gasoline stocks	105,231	103,959	89,212	1,272	16,019
Distillate Fuel Oil					
Distillate fuel oil production	2,764	2,631	2,642	133	122
Distillate fuel oil stocks	131,640	128,761	137,553	2,879	-5,913
Residual Fuel Oil					
Residual fuel oil production	815	749	700	66	115
Residual fuel oil stocks	50,348	50,670	45,989	-322	4,359
Imports					
Crude oil imports	3,245	3,309	4,509	-64	-1,264
Product imports	1,746	1,631	2,075	115	-329
Crude Oil Stocks					
Crude oil stocks	345,146	352,029	345,022	-6,883	124

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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STATISTICS DEPARTMENT
VOL. 65 For Week Ended August 17, 1984 NO. 33

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,213	1,136	1,160	1,405	82.6
Appal. No. 1	91	88	89	115	77.4
DISTRICT 1 TOTAL	1,304	1,224	1,249	1,520	82.2
Appal. No. 2	58	58	59	66	89.4
Ind., Ill., Ky.	1,915	1,847	1,851	2,309	80.2
Minn., Wis., Daks.	306	297	306	303	101.0
Okla., Kans., Mo.	755	687	693	755	91.8
DISTRICT 2 TOTAL	3,035	2,889	2,909	3,433	84.7
Inland Texas	549	532	535	615	87.0
Texas Gulf Coast	2,998	2,751*	2,821*	3,837	73.5*
La. Gulf Coast	2,140	2,051	2,051	2,562	80.1
N. La. and Ark.	182	177	179	302	59.3
New Mexico	85	76	78	114	68.4
DISTRICT 3 TOTAL	5,955	5,587*	5,664*	7,430	76.2*
DISTRICT 4 TOTAL	457	450	452	537	84.2
DISTRICT 5 TOTAL	2,258	2,241	2,258	3,154	71.6
TOTAL U.S.	13,009	12,391	12,532	16,074	78.0
TOTAL U.S.					
Weeks Ended:					
AUG. 10, 1984	12,913	12,306*	12,457*	16,074	77.5*
AUG. 12, 1983	13,405	12,519	12,814	16,294	78.6
DISTRICTS 1-4					
Weeks Ended:					
AUG. 17, 1984	10,751	10,150	10,274	12,920	79.5
AUG. 10, 1984	10,632	10,032*	10,166*	12,920	78.7*
AUG. 12, 1983	11,127	10,381	10,647	13,234	80.5

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended August 17, 1984

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	621	173	448	30	40	246	160
Appal. No. 1	41	16	25	1	--	24	1
DISTRICT 1 TOTAL	662	189	473	31	40	270	161
Appal. No. 2	35	16	19	1	1	13	2
Ind., Ill., Ky.	1,083	421	662	11	95	394	41
Minn., Wis., Daks.	164	80	84	5	14	74	6
Okla., Kans., Mo.	450	225	225	16	24	200	8
DISTRICT 2 TOTAL	1,732	742	990	33	134	681	57
Inland Texas	306	154	152	36	30	130	25
Texas Gulf Coast	1,445	461	984	23	227	677	149
La. Gulf Coast	992	361	631	19	252	382	81
N. La. and Ark.	61	24	37	7	--	59	8
New Mexico	35	18	17	11	4	22	--
DISTRICT 3 TOTAL	2,839	1,018	1,821	96	513	1,270	263
DISTRICT 4 TOTAL	254	146	108	18	21	121	9
DISTRICT 5 TOTAL	1,059*	424*	635*	64	268	422	325
TOTAL U.S.	6,546	2,519	4,027	242	976	2,764	815
TOTAL U.S. Weeks Ended:							
AUG. 10, 1984	6,582*	2,594*	3,988*	246	917	2,631	709
AUG. 19, 1983	6,722	3,075	3,647	184	837	2,642	709
DISTRICTS 1-4 Weeks Ended:							
AUG. 17, 1984	5,487	2,095	3,392	178	708	2,342	490
AUG. 10, 1984	5,608	2,189	3,419	198	622	2,228	448
AUG. 19, 1983	5,709	2,658	3,051	143	612	2,296	472

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

*See Revisions on Page 7.

NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,292	2,273	3,018	1	86	512	7,137	1,605	--
Central Atlantic	35,721*	12,415	17,362*	5,944	443	3,715	26,669	20,030*	12,707
Lower Atlantic	28,462	12,027	16,148	287	457	3,646	13,994	4,469	508
DISTRICT 1 TOTAL	69,475*	26,715	36,528*	6,232	986	7,873	47,800	26,104*	13,215
DISTRICT 2 TOTAL	65,947	30,074	28,979	6,894	1,879	8,645	37,137	3,860	17,326
DISTRICT 3 TOTAL	63,492*	20,691*	27,415	15,386	2,072	13,313	32,161*	9,771*	47,685
DISTRICT 4 TOTAL	7,106	3,290	2,010	1,806	449	922	3,342	880	2,612
DISTRICT 5 TOTAL	27,203*	9,267*	10,299*	7,637*	1,468	6,504	11,200	9,733	24,218
TOTAL U.S.	233,223	90,037	105,231	37,955	6,854	37,257	131,640	50,348	105,056
TOTAL U.S. Weeks Ended:									
AUG. 10, 1984	233,399*	90,633*	103,959*	38,807*	7,156	36,771	128,761*	50,670*	105,355
AUG. 19, 1983	225,117	96,688	89,212	39,217	7,467	32,965	137,553	45,989	108,174
DISTRICTS 1-4 Weeks Ended:									
AUG. 17, 1984	206,020	80,770	94,932	30,318	5,386	30,753	120,440	40,615	80,838
AUG. 10, 1984	205,307*	81,313*	93,609*	30,385	5,675	30,532	117,196*	41,417*	81,044
AUG. 19, 1983	194,332	86,803	77,958	29,571	5,837	27,243	126,140	38,461	83,306

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil

* See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended August 17, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Latest Dept. of Energy Mar. 1984	Crude Oil Imports[1] Total	From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
AUG. 17, 1984	5,922.9	5,891.0	3,145	140	268,559
AUG. 10, 1984	5,922.9	--	3,151	193	272,249*
AUG. 3, 1984	5,922.4	--	2,870	316	273,655
JUL. 27, 1984	5,922.4	--	2,885	188	275,459
DISTRICT 5 TOTAL					
AUG. 17, 1984	2,841.5	2,689.0	100	--	76,587 ‡
AUG. 10, 1984	2,841.5	--	158	--	79,780*
AUG. 3, 1984	2,806.3	--	226	--	78,608
JUL. 27, 1984	2,806.3	--	130	--	80,584
TOTAL U.S.					
AUG. 17, 1984	8,764.4	8,580.0	3,245	140	345,146 ‡
AUG. 10, 1984	8,764.4	--	3,309	193	352,029*
AUG. 3, 1984	8,728.7	--	3,096	316	352,263
JUL. 27, 1984	8,728.7	--	3,015	188	356,043
AUG. 19, 1983	8,679.0/A	--	4,509	324	345,022

‡INCLUDES 20,133 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A DOE actual for August 1983.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
AUG. 17, 1984	15,249	78,162	162,120	13,028	268,559	76,587 ‡	345,146 ‡
AUG. 10, 1984	14,737	79,312	164,779*	13,421	272,249*	79,780*	352,029*
AUG. 19, 1983	16,910	75,536	153,034	12,930	258,410	86,612	345,022

[1]See definitional notes, Page 6.

*See revisions on page 7

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	--	--	11	--	--	11
Central Atlantic	68	36	32	--	23	190	206	--	69	77	632
Lower Atlantic	--	--	--	--	--	27	214	--	--	--	241
DISTRICT 1 TOTAL											
AUG. 17, 1984	68	36	32	--	23	217	420	11	68	77	884
AUG. 10, 1984	162	74	88	31	34	293	509	--	--	38	1,067
AUG. 3, 1984	273	49	224	--	43	279	547	2	50	--	1,194
JUL. 27, 1984	225	92	133	--	15	207	715	7	58	60	1,287
DISTRICTS 2-4 TOTAL											
AUG. 17, 1984	30	25	5	--	--	122	66	118	139	223	698
AUG. 10, 1984	41	41	--	--	--	54	41	82	218	36	472
AUG. 3, 1984	21	--	21	--	--	13	75	153	142	190	594
JUL. 27, 1984	40	38	2	--	--	80	55	138	232	23	568
DISTRICT 5 TOTAL											
AUG. 17, 1984	41	29	12	--	33	6	13	11	30	30	164
AUG. 10, 1984	20	15	5	--	2	5	12	1	11	41	92
AUG. 3, 1984	41	25	16	--	3	6	13	2	72	90	227
JUL. 27, 1984	15	4	11	--	4	9	19	11	18	14	90
TOTAL U.S.	139	90	49	--	56	345	499	140	237	330	1,746
TOTAL U.S. Weeks Ended:											
AUG. 10, 1984	223	130	93	31	36	352	562	83	229	115	1,631
AUG. 3, 1984	335	74	261	--	46	298	635	157	264	280	2,015
JUL. 27, 1984	280	134	146	--	19	296	789	156	308	97	1,945
AUG. 19, 1983	338	120	218	--	7	253	810	189	204	274	2,075

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: AUG. 17, 1984

REVISIONS

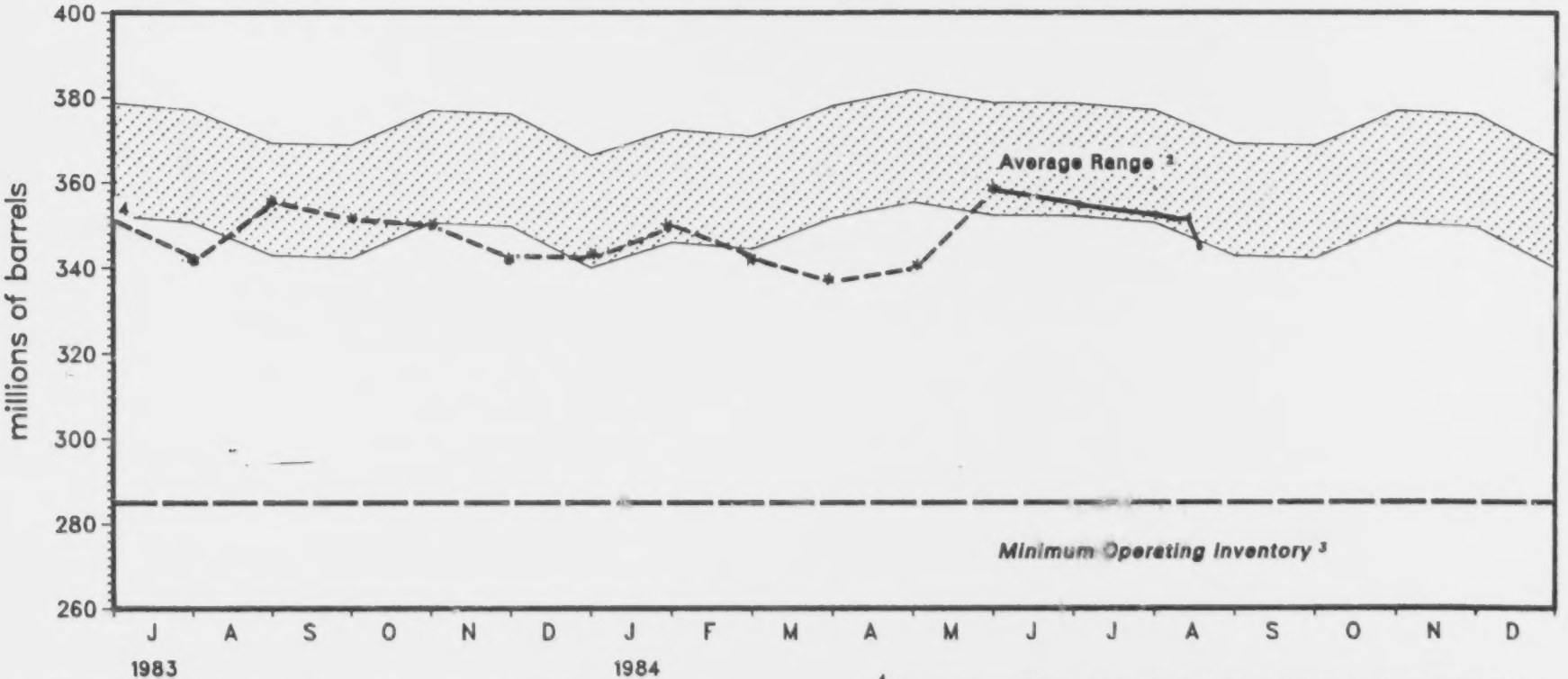
08/10/84	PAGE 1	CRUDE OIL RUNS	TEXAS GULF COAST	2,699
			DISTRICT 3 TOTAL	5,480
			TOTAL U.S.	12,306
			DISTRICTS 1-4	10,032
		INPUT TO CRUDE OIL	TEXAS GULF COAST	2,765
			DISTRICT 3 TOTAL	5,554
			TOTAL U.S.	12,457
			DISTRICTS 1-4	10,166
		% OPERABLE	TEXAS GULF COAST	72.1
			DISTRICT 3 TOTAL	74.8
			TOTAL U.S.	77.5
			DISTRICTS 1-4	78.7
	PAGE 2	TOTAL MGAS	DISTRICT 5 TOTAL	974
			TOTAL U.S.	6,582
		LEADED MGAS	DISTRICT 5 TOTAL	405
			TOTAL U.S.	2,594
		UNLEADED MGAS	DISTRICT 5 TOTAL	569
			TOTAL U.S.	3,988
	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	35,010
			DISTRICT 1 TOTAL	68,794
			DISTRICT 3 TOTAL	65,589
			DISTRICT 5 TOTAL	28,092
			TOTAL U.S.	233,399
			DISTRICTS 1-4	205,307
		LEADED MGAS	DISTRICT 3 TOTAL	22,541
			DISTRICT 5 TOTAL	9,320
			TOTAL U.S.	90,633
			DISTRICTS 1-4	81,313
		UNLEADED MGAS	CENTRAL ATLANTIC	17,393
			DISTRICT 1 TOTAL	36,439
			DISTRICT 5 TOTAL	10,350
			TOTAL U.S.	103,959
			DISTRICTS 1-4	93,609
		BLENDING COMPS	DISTRICT 5 TOTAL	8,422
			TOTAL U.S.	38,807
		DISTILLATE FUEL	DISTRICT 3 TOTAL	28,620
			TOTAL U.S.	128,761
			DISTRICTS 1-4	117,196
		RESIDUAL FUEL	CENTRAL ATLANTIC	20,966
			DISTRICT 1 TOTAL	27,101
			DISTRICT 3 TOTAL	10,201
			TOTAL U.S.	50,670
			DISTRICTS 1-4	41,417
	PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	272,249
			DISTRICT 5 TOTAL	79,730

API STATISTICAL BULLETIN
WEEK ENDED: AUG. 17, 1984

REVISIONS

	TOTAL U.S.	352,029
PAGE 4 B TOTAL	PAD DISTRICT 3	164,779
	TOTAL PAD DISTRICTS 1-4	272,249
	PAD DISTRICT 5	79,780
	TOTAL U.S.	352,029

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

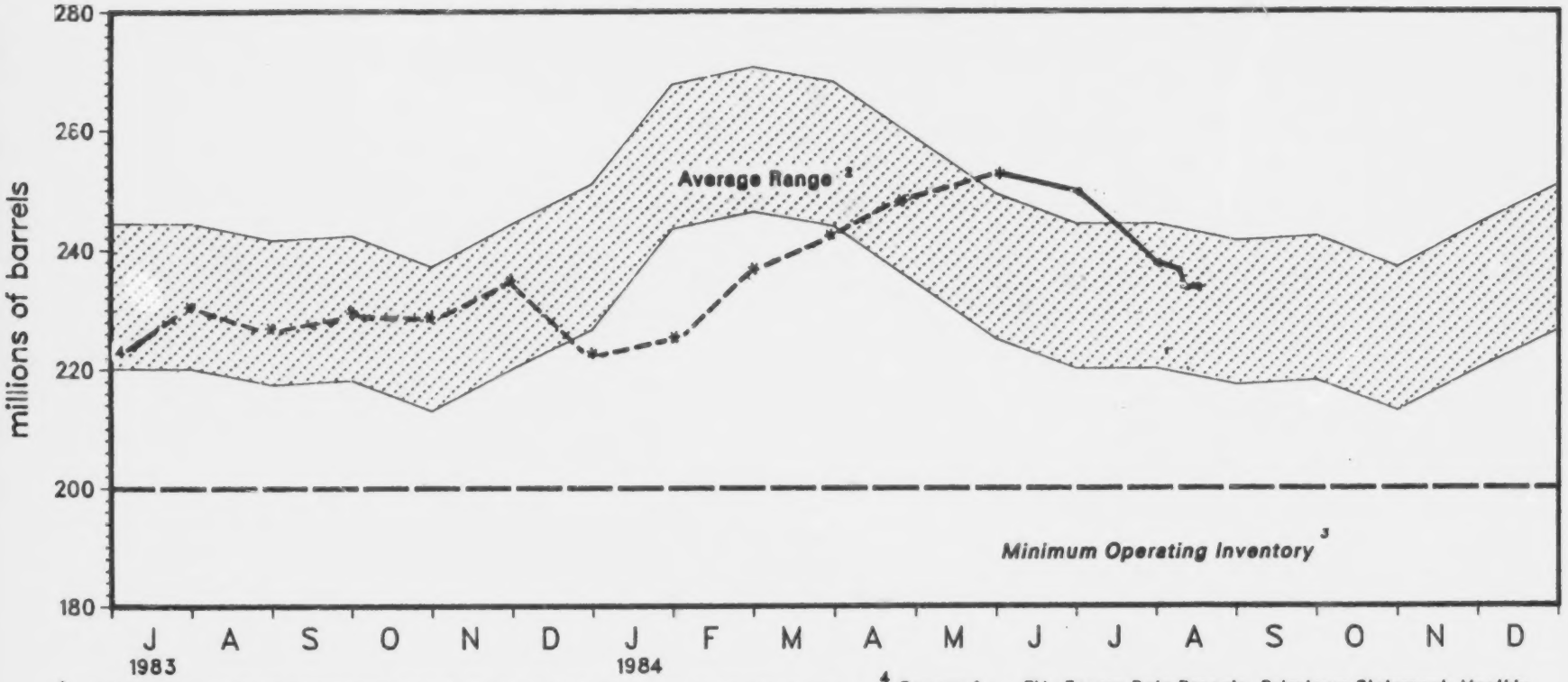
[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: • -- EIA, Energy Data Reports, Petroleum Statement Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Week Ended August 17, 1984

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

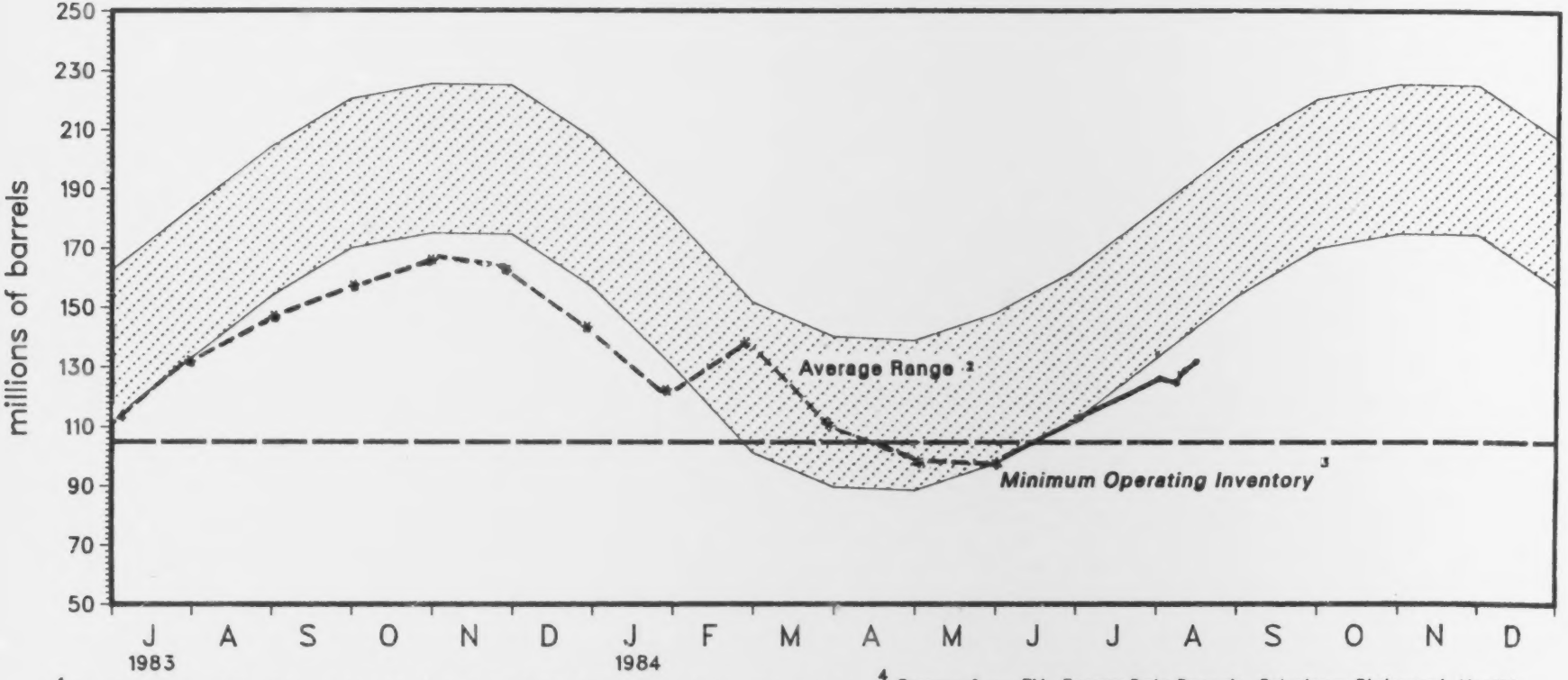
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on six years of monthly data: January 1978 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: * –– EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: • –– EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*